

Wichita TMC Support- Monthly Incident Report for March 2017

There were a total of **124** actively logged incidents during the month. The Traffic Management Center (TMC) is actively staffed 6am to 7pm, Monday-Friday, but additional incidents may be recorded outside normal hours. Below is a breakdown of active incident type as well as average duration of incident by type. Incidents are only reported where TMC system coverage is available for verification.

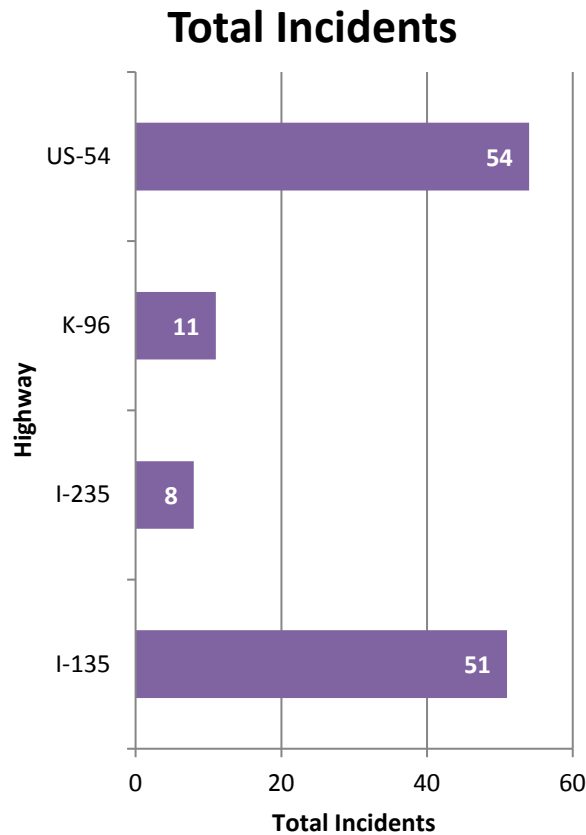


Figure 1: Total incidents by Highway

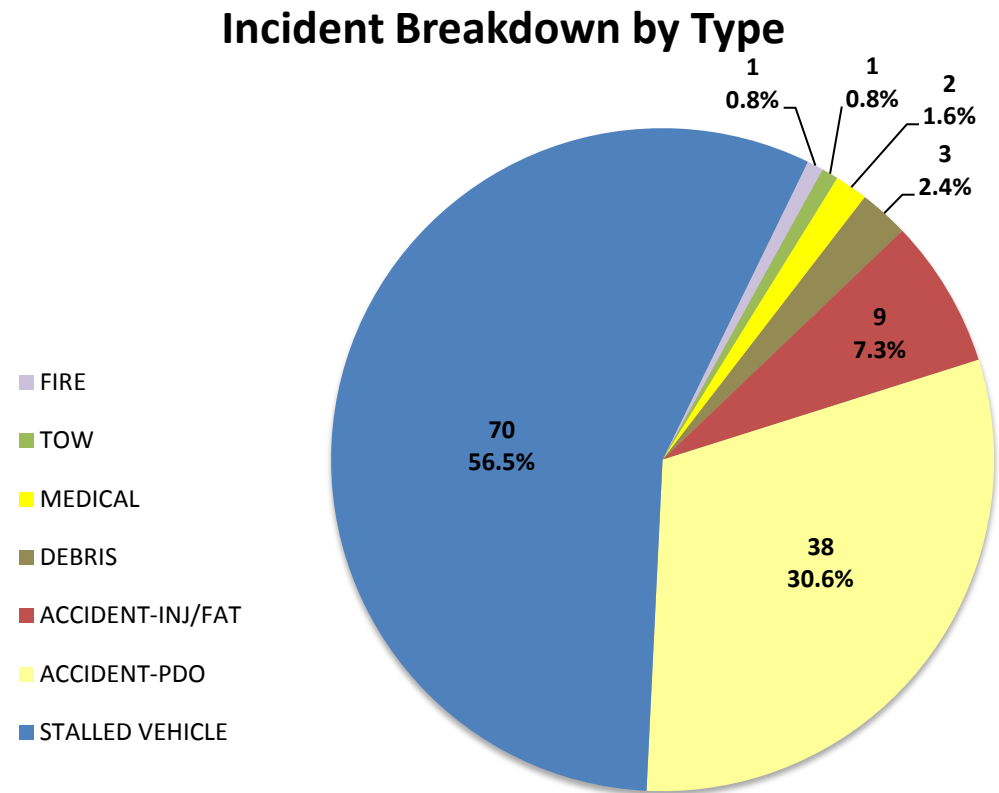
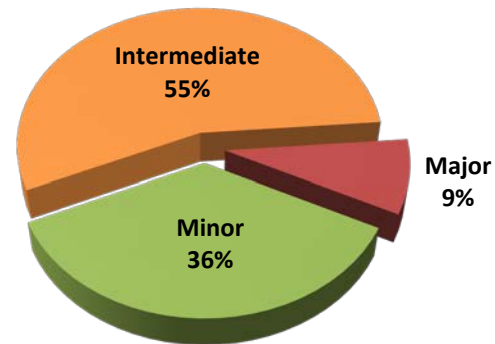


Figure 2: Number and percentage of actively logged incidents in MIST for the report month broken out by type of incident.

Total Crashes by Severity



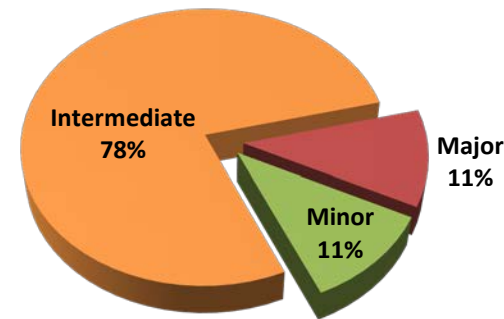
Severity	Total Crashes	Avg. Duration (hh:mm)
Minor	17	0:15
Intermediate	26	1:05
Major	4	2:44
Grand Total	47	0:56

Incident vs. Crash

Incident – an event occurring on the highway that affects the safety or capacity of the highway

Crash – the collision of a vehicle with another vehicle, animal, pedestrian, debris or stationary object

Injury/Fatality Crashes by Severity



Severity	Total Crashes	Avg. Duration (hh:mm)
Minor	1	0:26
Intermediate	7	1:08
Major	1	3:52
Grand Total	9	1:22

03/25/17 SB I-235 at MacArthur. All lanes closed. (3:52)

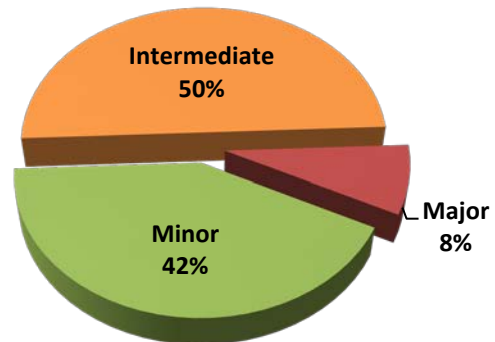
Severity Levels

Minor – duration under 30 min.

Intermediate – duration of 30 min. to 2 hrs.

Major – duration greater than 2 hrs.

Non-Injury Crashes by Severity



Severity	Total Crashes	Avg. Duration (hh:mm)
Minor	16	0:15
Intermediate	19	1:04
Major	3	2:21
Grand Total	38	0:49

03/03/17 SB I-135 at 53rd. 2 vehs. (2:04)
 03/22/17 WB US-54 at Seneca. 3 vehs. (2:18)
 03/27/17 EB US-54 at Washington. 2 vehs. (2:42)

Total Crashes by Highway

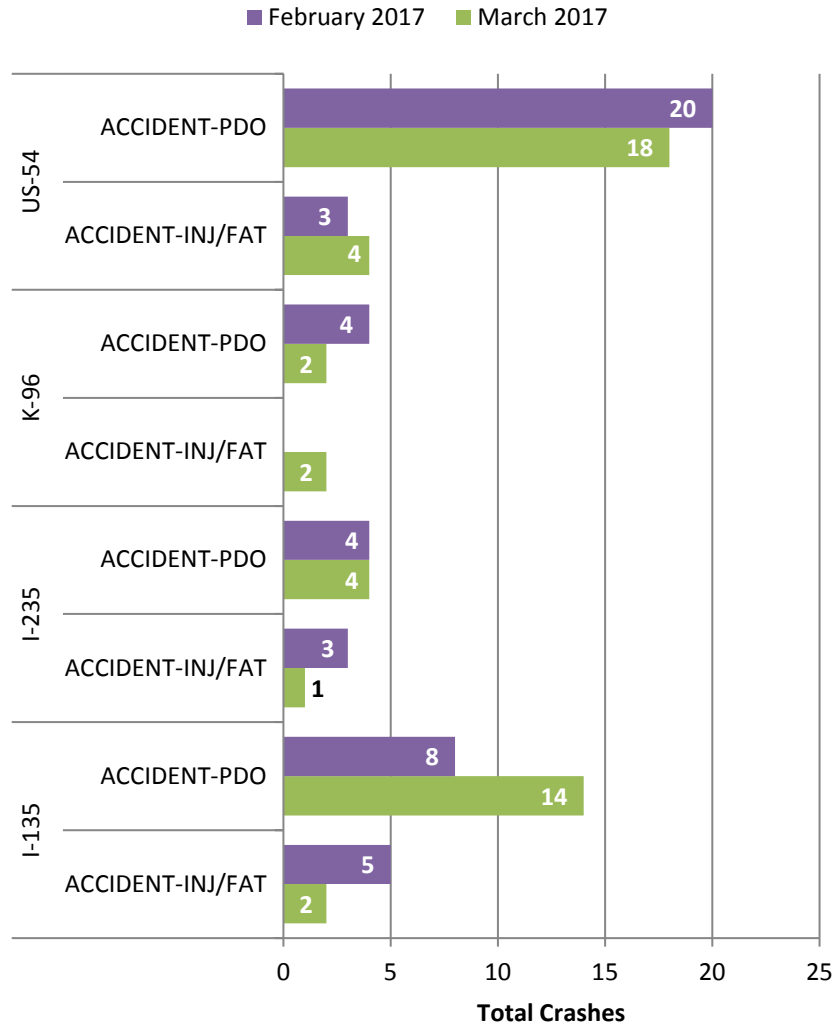


Figure 3: Total Crashes by Highway. Crashes are broken out by "Injury/Fatality" and "Property Damage Only".

Crash Clearance Time by Highway

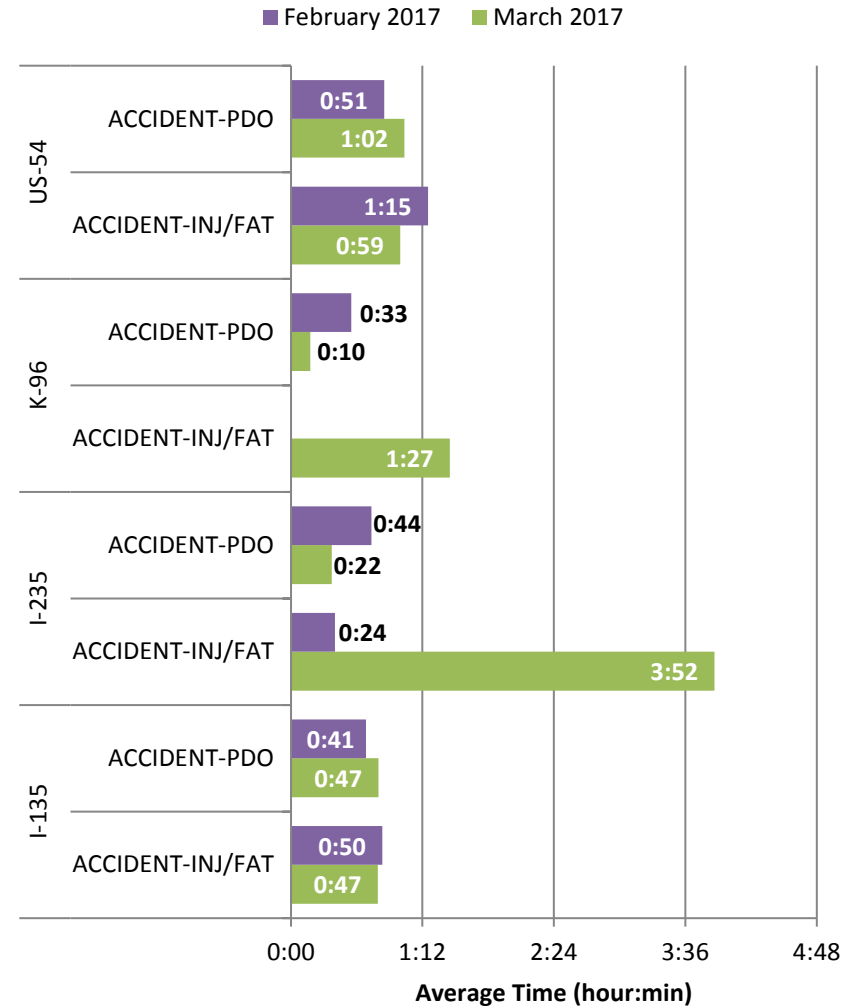
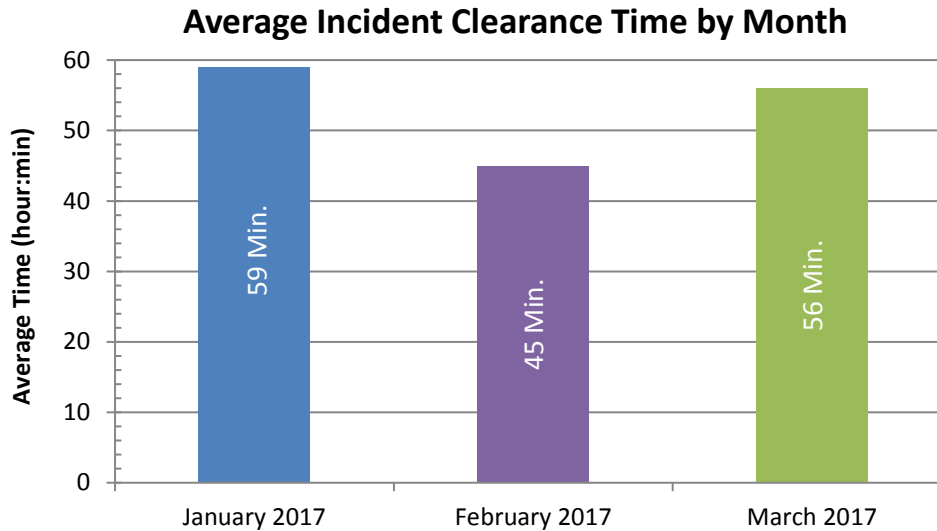


Figure 4: Average Crash Clearance Time by Highway. Crashes are broken out by "Injury/Fatality" and "Property Damage Only".



In the month, a total of **8 secondary crashes** were reported. Secondary crashes comprised **17% of logged crashes**. Secondary crashes are additional crashes resulting from the original incident.
Last Month: 1 crash, 2.1%

Figure 5: Average Incident Clearance time for the last 3 months. Construction, stalled, and tow events excluded for clarity.

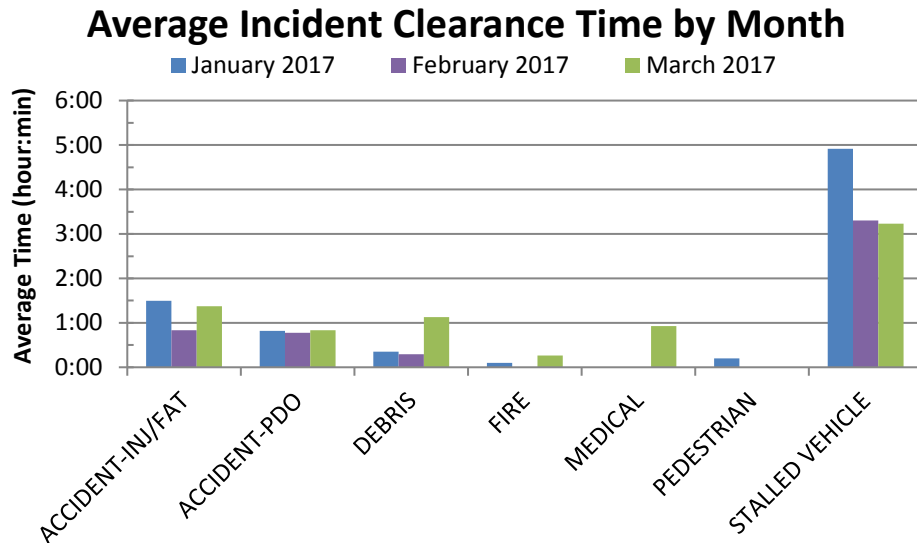


Figure 6: Average Incident Clearance time by type for the last 3 months. Construction and tow events excluded for clarity.

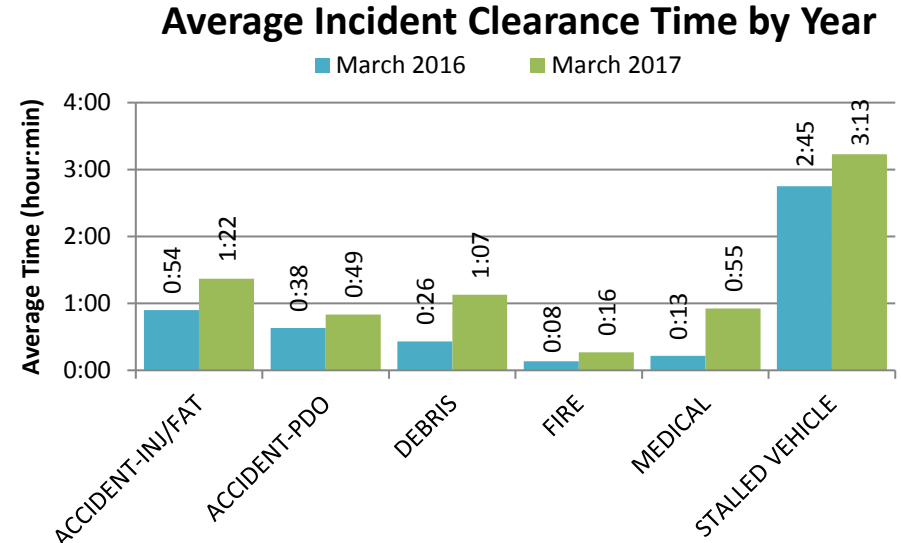


Figure 7: Average Incident Clearance time (2017 vs. 2016). Construction and tow events excluded for clarity.

Posted DMS by Time of Day

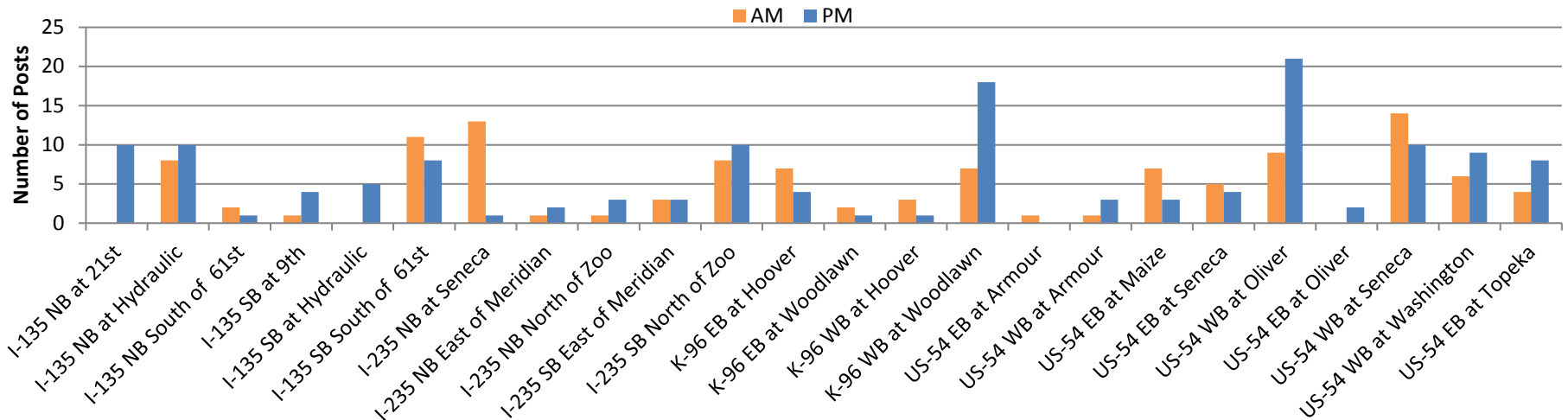


Figure 8: Number of posted messages per DMS by AM and PM hours.

Posted Incidents by Type & Time of Day

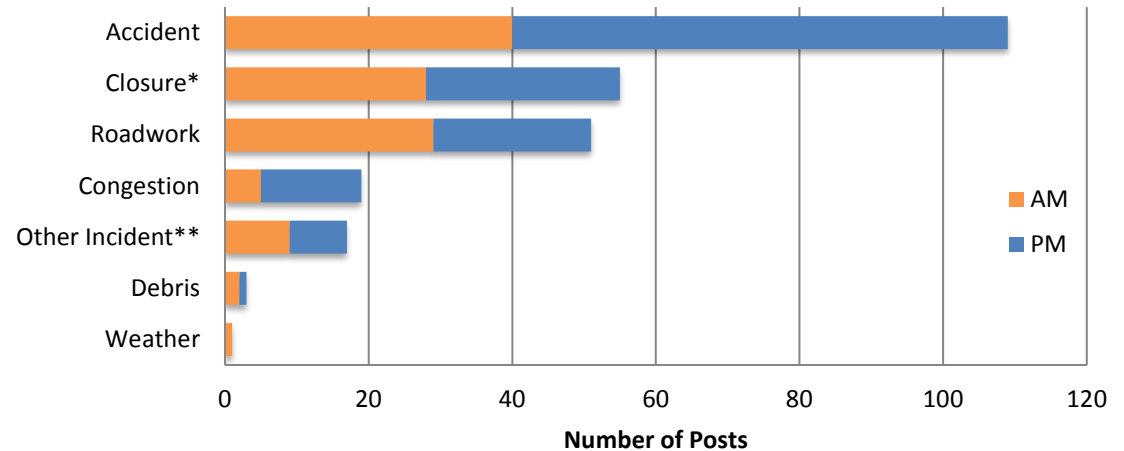


Figure 9: Posted incidents by type and AM/PM hours.

Dynamic Message Sign (DMS) Utilization

WICHway utilizes 25 permanent DMS. In the month, a total of **255 messages** were posted. **96%** of DMS were used at least once for an incident.

Messages shown exclude travel times and test messages. Messages shown include modifications to previous messages.

*Closure messages include roadway closures for roadwork, incidents, and weather postings.

**Other Incidents include but are not limited to stalled vehicles, fire, and medical incidents.